

210 Motor Carrier Freight Details and Invoice

Functional Group ID=**IM**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B3	Beginning Segment for Carrier's Invoice	M	1		
Must Use	025	B2A	Set Purpose	M	1		
Not Used	030	C2	Bank ID	O	1		
Not Used	040	C3	Currency	O	1		
	050	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
	060	N9	Reference Number	O	300		
	070	G62	Date/Time	O	6		
Not Used	080	R3	Route Information - Motor	O	12		
Not Used	090	H3	Special Handling Instructions	O	6		
	100	K1	Remarks	O	10		
LOOP ID - 0100						10	
	110	N1	Name	O	1		
	120	N2	Additional Name Information	O	1		
Not Used	130	N3	Address Information	O	2		
Not Used	140	N4	Geographic Location	O	1		
	150	N9	Reference Number	O	5		
LOOP ID - 0200						10	
Not Used	160	N7	Equipment Details	O	1		
Not Used	170	M7	Seal Numbers	O	2		
LOOP ID - 0250						999999	
Not Used	180	SPO	Shipment Purchase Order Detail	O	1		
Not Used	185	SDQ	Destination Quantity	O	10		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - 0300						999	
Not Used	010	S5	Stop Off Details	O	1		

Not Used	020	N9	Reference Number	O	10
Not Used	030	G62	Date/Time	O	10
Not Used	040	H3	Special Handling Instructions	O	6
LOOP ID - 0305					999999
Not Used	045	SPO	Shipment Purchase Order Detail	O	1
Not Used	047	SDQ	Destination Quantity	O	10
LOOP ID - 0310					2
Not Used	050	N1	Name	O	1
Not Used	060	N2	Additional Name Information	O	1
Not Used	070	N3	Address Information	O	2
Not Used	080	N4	Geographic Location	O	1
Not Used	090	N9	Reference Number	O	5
LOOP ID - 0320					10
Not Used	100	N7	Equipment Details	O	1
Not Used	110	M7	Seal Numbers	O	2
LOOP ID - 0400					999
	120	LX	Assigned Number	O	1
	130	N9	Reference Number	O	5
Not Used	135	CSD	Consolidated Shipment Invoice Data	O	20
Not Used	140	L5	Description, Marks and Numbers	O	30
Not Used	150	H1	Hazardous Material	O	3
Not Used	160	H2	Additional Hazardous Material Description	O	2
	170	L0	Line Item - Quantity and Weight	O	10
	180	L1	Rate and Charges	O	10
Not Used	190	L4	Measurement	O	10
	200	L7	Tariff Reference	O	10
Not Used	210	K1	Remarks	O	10
LOOP ID - 0430					999999
Not Used	220	SPO	Shipment Purchase Order Detail	O	1
Not Used	230	SDQ	Destination Quantity	O	10
LOOP ID - 0460					999999
Not Used	240	N1	Name	O	1
Not Used	250	N2	Additional Name Information	O	1
Not Used	260	N3	Address Information	O	2
Not Used	270	N4	Geographic Location	O	1
Not Used	280	N9	Reference Number	O	10
Not Used	290	CSD	Consolidated Shipment Invoice Data	O	20
LOOP ID - 0463					999999
Not Used	300	CD3	Carton (Package) Detail	O	1
Not Used	310	N9	Reference Number	O	20
Not Used	320	H6	Special Services	O	10
Not Used	330	L9	Charge Detail	O	10
Not Used	340	G62	Date/Time	O	1
LOOP ID - 0465					999999
Not Used	350	SPO	Shipment Purchase Order Detail	O	1
Not Used	360	SDQ	Destination Quantity	O	10

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	<u>Notes and Comments</u>
Not Used	010	L3	Total Weight and Charges	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
		210	X12.104 Motor Carrier Freight Details and Invoice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **B3** Beginning Segment for Carrier's Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit basic data relating to the carrier's invoice
Syntax Notes: 1 If either B309 or B310 is present, then the other is required.
Semantic Notes: 1 B306 is the billing date.
2 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	B301	147	Shipment Qualifier Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
Must Use	B302	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
	B303	145	Shipment Identification Number Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)	O AN 1/30
Must Use	B304	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller)	M ID 2/2
Not Used	B305	188	Weight Unit Code Code specifying the weight unit Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
Must Use	B306	373	Date Date (YYMMDD)	M DT 6/6
Must Use	B307	193	Net Amount Due Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified	M N2 1/9
	B308	202	Correction Indicator Code used to indicate that the transaction set contains information which corrects a previous billing. AD Adjustment of Previous Freight Bill Charges	O ID 2/2

			CA	Cancelled Bill		
	B309	32	Delivery Date		X	DT 6/6
			Date for delivery of cargo to final consignee or to next mode			
	B310	374	Date/Time Qualifier		X	ID 3/3
			Code specifying type of date or time, or both date and time			
			035	Delivered		
Must Use	B311	140	Standard Carrier Alpha Code		M	ID 2/4
			Standard Carrier Alpha Code			
Not Used	B312	373	Date		O	DT 6/6
			Date (YYMMDD)			
Not Used	B313	375	Tariff Service Code		O	ID 2/2
			Code specifying the types of services for rating purposes			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	B314	335	Transportation Terms Code		O	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **B2A** Set Purpose
Position: 025
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To allow for positive identification of transaction set purpose
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	B2A01	353	Transaction Set Purpose Code Code identifying purpose of transaction set ZZ Mutually Defined	M ID 2/2
Not Used	B2A02	346	Application Type Code identifying an application Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	ITD01	336	Terms Type Code Code identifying type of payment terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6
Not Used	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due	O DT 6/6
Not Used	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	Deferred Amount Due	X N2 1/10

			Deferred amount due for payment		
Not Used	ITD11	342	Percent of Invoice Payable	X	R 1/5
			Amount of invoice payable expressed in percent		
Not Used	ITD12	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	ITD13	765	Day of Month	X	N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
Not Used	ITD14	107	Payment Method Code	O	ID 1/1
			Code identifying type of payment procedures		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	ITD15	954	Percent	O	R 1/10
			Percentage expressed as a decimal		

Segment: **N9** Reference Number

Position: 060

Loop:

Level: Heading

Usage: Optional

Max Use: 300

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N901	128	Reference Number Qualifier Code qualifying the Reference Number. AR Arrival Code CN Carrier's Reference Number (PRO/Invoice) PQ Payee Identification	M ID 2/2
	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	N903	369	Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373	Date Date (YYMMDD)	O DT 6/6
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **G62** Date/Time

Position: 070

Loop:

Level: Heading

Usage: Optional

Max Use: 6

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
G6201	432	Date Qualifier	X ID 2/2
		Code specifying type of date	
		86 Actual Pickup Date	
G6202	373	Date	X DT 6/6
		Date (YYMMDD)	
G6203	176	Time Qualifier	X ID 1/2
		Code specifying the reported time	
		8 Actual Pickup Time	
G6204	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	G6205	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
G6206	624	Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	

Segment: **K1** Remarks
Position: 100
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	K101	61	Free-Form Message Free-form information	M AN 1/30
Not Used	K102	61	Free-Form Message Free-form information	O AN 1/30

Segment: **N1** Name

Position: 110

Loop: 0100 Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			CA Carrier	
			CN Consignee	
			DC Destination Carrier	
			IU Issuer	
			OC Origin Carrier	
			T4 Transfer Point	
			A geographic location where a shipment is transferred or diverted to a new destination	
			TR Terminal	
	N102	93	Name	X AN 1/35
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			2 Standard Carrier Alpha Code (SCAC)	
			20 Standard Point Location Code (SPLC)	
			27 Government Bill Of Lading Office Code (GBLOC)	
	N104	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	

Not Used	N106	98	Entity Identifier Code	O ID 2/2
Refer to 003050 Data Element Dictionary for acceptable code values.				
Code identifying an organizational entity, a physical location, or an individual				
Refer to 003050 Data Element Dictionary for acceptable code values.				

Segment: **N2 Additional Name Information**
Position: 120
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
Not Used	N202	93	Name Free-form name	O AN 1/35

Segment: **N9** **Reference Number**
Position: 150
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
Semantic Notes: 1 N906 reflects the time zone which the time reflects.
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Number Qualifier Code qualifying the Reference Number. AW Air Waybill Number OB Ocean Bill of Lading XC Cargo Control Number	M ID 2/2
	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	N903	369	Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373	Date Date (YYMMDD)	O DT 6/6
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **LX** Assigned Number
Position: 120
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LX01	554	Assigned Number	M N0 1/6
Number assigned for differentiation within a transaction set				

Segment: **N9 Reference Number**

Position: 130

Loop: 0400 Optional

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Number Qualifier Code qualifying the Reference Number. LU Location Number	M ID 2/2
	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	N903	369	Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373	Date Date (YYMMDD)	O DT 6/6
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **L0 Line Item - Quantity and Weight**

Position: 170

Loop: 0400 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

- Syntax Notes:**
- 1 If either L002 or L003 is present, then the other is required.
 - 2 If either L004 or L005 is present, then the other is required.
 - 3 If either L006 or L007 is present, then the other is required.
 - 4 If either L008 or L009 is present, then the other is required.
 - 5 If L011 is present, then L004 is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	L001	213 Lading Line Item Number	O N0 1/3
		Sequential line number for a lading item	
	L002	220 Billed/Rated-as Quantity	X R 1/11
		Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	
	L003	221 Billed/Rated-as Qualifier	X ID 2/2
		Code identifying the type of quantity or value on which the rate or item pricing is based	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	L004	81 Weight	X R 1/10
		Numeric value of weight	
	L005	187 Weight Qualifier	X ID 1/2
		Code defining the type of weight	
		B Billed Weight	
Not Used	L006	183 Volume	X R 1/8
		Value of volumetric measure	
Not Used	L007	184 Volume Unit Qualifier	X ID 1/1
		Code identifying the volume unit	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	L008	80 Lading Quantity	X N0 1/7
		Number of units (pieces) of the lading commodity	
Not Used	L009	211 Packaging Form Code	X ID 3/3
		Code for packaging form of the lading quantity	

Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	L010	458	Dunnage Description	O AN 2/25
			Material used to protect lading	
	L011	188	Weight Unit Code	O ID 1/1
			Code specifying the weight unit	
			L Pounds	
Not Used	L012	56	Type of Service Code	O ID 2/2
			Code specifying extent of transportation service requested	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **L1** Rate and Charges
Position: 180
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements
Syntax Notes:

- 1 At least one of L104 L105 or L106 is required.
- 2 If either L114 or L115 is present, then the other is required.
- 3 If either L117 or L118 is present, then the other is required.

Semantic Notes:

- 1 L119 is the percent used to determine the charge in L104.

Comments:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	L101	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Not Used	L102	60	Freight Rate Rate that applies to the specific commodity	O R 1/9
Not Used	L103	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	L104	58	Charge For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	X N2 1/9
Not Used	L105	191	Advances Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	X N2 1/9
Not Used	L106	117	Prepaid Amount Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	X N2 1/9
Not Used	L107	120	Rate Combination Point Code The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges Refer to 003050 Data Element Dictionary for acceptable code values.	O AN 3/9
	L108	150	Special Charge or Allowance Code Code identifying type of special charge or allowance	O ID 3/3

			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L109	121	Rate Class Code	O ID 1/3	
			Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L110	39	Entitlement Code	O ID 1/1	
			Code identifying entitlement party		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L111	16	Charge Method of Payment	O ID 1/1	
			Code defining method of payment		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	L112	276	Special Charge Description	O AN 2/25	
			Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150		
Not Used	L113	257	Tariff Application Code	O ID 1/1	
			Code indicating to which traffic a tariff applies		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L114	74	Declared Value	X N2 2/10	
			Monetary assigned value expressed in the standard monetary denomination for the currency specified		
Not Used	L115	122	Rate/Value Qualifier	X ID 2/2	
			Code qualifying how to extend charges or interpret value		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L116	372	Lading Liability Code	O ID 1/1	
			Code identifying limits of liability		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L117	220	Billed/Rated-as Quantity	X R 1/11	
			Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81		
Not Used	L118	221	Billed/Rated-as Qualifier	X ID 2/2	
			Code identifying the type of quantity or value on which the rate or item pricing is based		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L119	954	Percent	O R 1/10	
			Percentage expressed as a decimal		

Segment: **L7** **Tariff Reference**
Position: 200
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To reference details of the tariff used to arrive at applicable rates or charge
Syntax Notes:
Semantic Notes:

- 1 L710 is the effective date.
- 2 In L715 and L716, "City" and "State" are used for rate combination city and state.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Not Used	L701	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Not Used	L702	168	Tariff Agency Code Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment	O ID 1/4
Not Used	L703	171	Tariff Number Standard tariff number for the tariff which governs the rates applied to the commodity item(s)	O AN 1/7
Not Used	L704	172	Tariff Section Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff	O AN 1/2
Not Used	L705	169	Tariff Item Number Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment	O AN 1/16
Not Used	L706	170	Tariff Item Part Number assigned to subsection of a specific tariff item (arbitrary)	O N0 1/2
Not Used	L707	59	Freight Class Code Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.	O AN 2/5
Not Used	L708	173	Tariff Supplement Identifier Identifier for the tariff supplement which contains the rate used	O AN 1/4
Not Used	L709	46	Ex Parte Level of rates as published in the tariff	O AN 4/4
Not Used	L710	373	Date Date (YYMMDD)	O DT 6/6
Not Used	L711	119	Rate Basis Number	O AN 1/6

Not Used	L712	227	<p>The (mileage) factor published for rating purposes in the appropriate tariff</p> <p>Tariff Column</p> <p>A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications</p>	O	AN 1/2
	L713	294	<p>Tariff Distance</p> <p>Distance on which the rate for a shipment is based</p>	O	N0 1/5
	L714	295	<p>Distance Qualifier</p> <p>Code identifying the distance unit</p> <p>T Tariff Miles</p>	O	ID 1/1
Not Used	L715	19	<p>City Name</p> <p>Free-form text for city name</p>	O	AN 2/30
Not Used	L716	156	<p>State or Province Code</p> <p>Code (Standard State/Province) as defined by appropriate government agency</p>	O	ID 2/2

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	